Montana Board of Oil and Gas Conservation Environmental Assessment

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(possible concerns)

Steam crossings: No, stream crossings anticipated.
High erosion potential: No, small cut, up to 2.1' and small fill, up to 2.8', required.
Loss of soil productivity: No, location will be restored after drilling, if nonproductive. If
productive unused portion of drillsite will be reclaimed.
Unusually large wellsite: No, 200'X100' location size required.
Damage to improvements: Slight, surface use on the edge of a cultivated field and
grassland area.
Conflict with existing land use/values: Slight
Mitigation
Avoid improvements (topographic tolerance)
Exception location requested
X Stockpile topsoil
Stream Crossing Permit (other agency review)
X Reclaim unused part of wellsite if productive
Special construction methods to enhance reclamation
Other
Comments: Access will be over existing county gravel road Pondera Oil Field Lease
Road. No new access road will be built into this location. Cuttings will be buried in and
unlined earthen pit. Drilling fluids if used will be allowed to dry in the pit. Pits will be
backfilled after drying. No special concerns.
Health Hazards/Noise
(possible concerns)
Proximity to public facilities/residences: Closest residence is about 1.6 miles to the
northwest and 1.4 miles to the south from this location. The town of Pendroy, Montana
is about 8.6 miles to the southwest from this location
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Mitigation: Avoidance (topographic tolerance/exception) Other agency review (DFWP, federal agencies, DSL) Screening/fencing of pits, drillsite Other: Comments: State of Montana leased cultivated surface lands. There may be possible historical/cultural/paleontological sites that maybe impacted by this wellsite. We ask the operator to consult with the surface owner as to his desires to preserve these sites or not, if they are found during construction of the wellsite. State of Montana "Trust Lands" minerals and surface. Trust Lands will do surface EA.
Historical/Cultural/Paleontological
(possible concerns)
Proximity to known sites: None identified Mitigation
avoidance (topographic tolerance, location exception)
other agency review (SHPO, DSL, federal agencies)
Other: Comments: <u>State of Montana leased cultivated surface lands. There may be</u>
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Social/Economic (possible concerns) Substantial effect on tax base Create demand for new governmental services Population increase or relocation Comments: No concerns.
Remarks or Special Concerns for this site
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Well is a 2100' Madison Formation test.
Summary: Evaluation of Impacts and Cumulative effects
No long term impacts expected. Some short term impacts will occur, but can be mitigated.
<u>Innigated.</u>
I conclude that the approval of the subject Notice of Intent to Drill (does/ <u>does not</u>) constitute a major action of state government significantly affecting the quality of the human environment, and (does/ <u>does not</u>) require the preparation of an environmental impact statement.
Prepared by (BOGC): /s/ John Gizicki

(title:) Compliance Specialist Date: April 22, 2014
Other Persons Contacted:
Montana Bureau of Mines and Geology, GWIC website (Name and Agency)
Pondera County water wells. (subject discussed)
April 22, 2014 (date)
US Fish and Wildlife, Region 6 website (Name and Agency) ENDANGERED, THREATENED, PROPOSED AND CANDIDATE SPECIES MONTANA COUNTIES, Pondera County (subject discussed)
April 22, 2014 (date)
Montana Natural Heritage Program Website (FWP) (Name and Agency) Heritage State Rank= S1, S2, S3, T27N R4W (subject discussed)
<u>April 22, 2014</u> (date)
If location was inspected before permit approval: Inspection date: Inspector: Others present during inspection: